
HOUSE RESOLUTION

URGING THE HAWAII CLEAN ENERGY INITIATIVE END-USE EFFICIENCY
WORKING GROUP TO CONVENE DEVELOPMENT AND BUILDING INDUSTRY
STAKEHOLDERS TO IDENTIFY BARRIERS TO IMPLEMENTATION AND
WORK TOWARDS A CONSENSUS POSITION TO PROMOTE THE DESIGN AND
CONSTRUCTION OF NET ZERO ENERGY BUILDINGS.

1 WHEREAS, Hawaii is the most oil-dependent state in the
2 country and is the largest state importer of oil; and

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4 WHEREAS, the Hawaii Clean Energy Initiative set a statewide
5 goal of using seventy per cent clean energy by 2030 through the
6 use of forty per cent renewable energy resources and thirty per
7 cent energy efficiency; and

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9 WHEREAS, buildings are responsible for at least forty per
10 cent of the energy used in most countries, and properly designed
11 and constructed buildings can make a major contribution toward
12 reducing energy consumption and meeting greenhouse gas emission
13 reduction targets; and

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15 WHEREAS, progress can begin immediately because knowledge
16 and technology already exist to reduce the amount of energy that
17 buildings use, while at the same time, improve levels of comfort
18 and functionality; and

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20 WHEREAS, behavioral, organizational, and financial barriers
21 stand in the way of immediate action, but these barriers may be
22 overcome by encouraging energy security, making energy
23 efficiency more valued, and changing behavior; and

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25 WHEREAS, improving the design and construction of new
26 buildings is the most cost-effective way to address energy
27 efficiency and conservation; and



1 WHEREAS, "net zero energy buildings" are residential or
2 commercial buildings that are thirty-five per cent more energy
3 efficient than required under the 2006 International Energy
4 Conservation Code, as published by the International Code
5 Council; and

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7 WHEREAS, net zero energy buildings are designed to consume
8 net zero energy and produce zero carbon emissions, which would
9 help Hawaii reach its seventy per cent clean energy goal; now,
10 therefore,

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12 BE IT RESOLVED by the House of Representatives of the
13 Twenty-fifth Legislature of the State of Hawaii, Regular Session
14 of 2010, that the Hawaii Clean Energy Initiative End-Use
15 Efficiency Working Group is urged to convene development and
16 building industry stakeholders, the State Building Code Council,
17 and applicable state and county agencies to identify barriers to
18 implementation and propose solutions to reach a consensus
19 position to promote the design and construction of net zero
20 energy buildings; and

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22 BE IT FURTHER RESOLVED that the Working Group is urged to
23 address topics such as:

- 24 (1) Incentivizing design standards;
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26 (2) Increasing consumer awareness;
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28 (3) Use of life-cycle costing; and
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30 (4) Addressing the challenges of recharging stations or
31 access to electrical outlets to facilitate the use of
32 plug-in hybrid and electric vehicles; and
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35 BE IT FURTHER RESOLVED that certified copies of this
36 Resolution be transmitted to the Director of Business, Economic
37 Development, and Tourism, who in turn is requested to transmit
38 copies to the Chairperson of the State Building Code Council;
39 the Chairperson of the Hawaii Clean Energy Initiative End-Use
40 Efficiency Working Group; the Chairperson of the Building



1 Industry Association; and the Chairperson of the Hawaii
2 Developers Council.

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OFFERED BY: *Nummi*

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MAR 09 2010